

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for protection of contactless signal transmission from a transmitter to a receiver, comprising subjecting a signal to reshaping before being transmitted, such that the signal transmission occurs using variable electromagnetic waves, at least one of reproducibility and transmissibility ~~[[are]]~~ is exacerbated, and the reshaping can be detected by a detector in the receiver.

2. (original) The method as claimed in claim 1, the signal being subjected to reshaping in a predetermined sequence in time, and detection being carried out in the receiver to determine whether the reshaping is carried out in the predetermined sequence in time.

3. (currently amended) A signal transmission device, comprising:
a transmitter having a reshaping device connected to an antenna, which subjects a signal sent from the transmitter for wire-free signal transmission in such a manner that the signal transmission occurs using variable electromagnetic waves and at least one of reproducibility and transmissibility ~~[[are]]~~ is exacerbated; and
a receiver having a detector which supplies an output signal when reshaping is present.

4. (previously presented) The signal transmission device as claimed in claim 3, the transmitter including a coding device which activates the reshaping device in a predetermined manner in time, and the receiver including a comparison device which checks whether a received signal is preemphasized in the predetermined manner in time.

5. (canceled)

6. (currently amended) The signal transmission device as claimed in claim 3, the reshaping device including a diode which is included in a line between a signal generator and ~~[[an]]~~ the antenna.

7. (original) The signal transmission device as claimed in claim 3, the receiver including a sensor which converts a magnetic flux density or a magnetic field strength to an electrical voltage or an electrical current.

8. (currently amended) The signal transmission device as claimed in claim 3, the reshaping device including a series circuit, comprising a diode and a differentiation element, in a line between a signal generator and ~~[[an]]~~ the antenna.